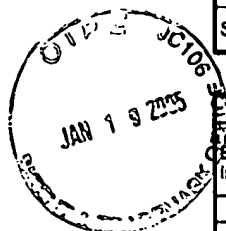


Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/824,639
				Filing Date	April 15, 2004
				First Named Inventor	Mitsuo UMEMOTO
				Art Unit	2812
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	492322017800
Sheet	1	of	1		



U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
dv	1.	US-6,432,744	08-13-2002	Amador et al.	
dv	2.	US-2002-0158060-A1	10-31-2002	Uchiyama et al.	
dv	3.	US-2002-0005400-A1	01-17-2002	Gat	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ -Number ⁵ -Kind Code ⁶ (if known)				
dv	4.	EP-0468874-A2, A3	01-29-1992	Sumitomo Electric.		✓
dv	5.	JP-62094925	05-01-1987	NEC Corp	abstract	
pv	6.	WO-02-50875-A2, A3	06-27-2002	Mattson Thermal Products		✓

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ³

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¹ Applicant's unique citation designation number (optional). ³ Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>Shindani</i>	Date Considered	05/10/05
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va- 90642



PTO/SB/08 (2-92)

Sheet 1 of 1

Form PTO-144

Docket Number: 492322017800

Application Number: 10/824,639

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

Mitsuo UMEMOTO et al.

Filing Date: April 15, 2004

Group Art Unit: Not assigned

Mailing Date: May 26, 2004

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.						

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
DV	2.	08/29/2000	2000-236002	Japan			x Abstract

OTHER DOCUMENTS

(Including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	3.	

EXAMINER: *fibedard*

DATE CONSIDERED: 05/10/05

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